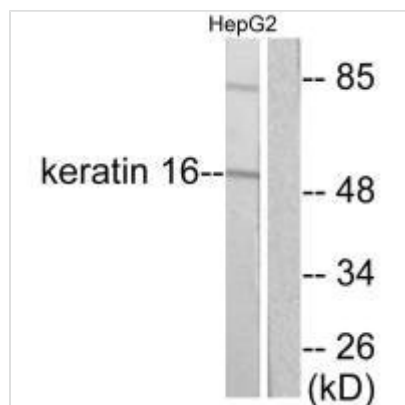


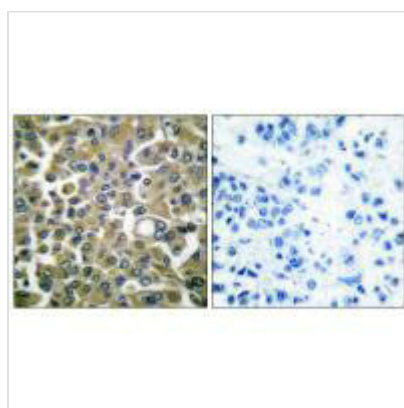


KRT16 Antibody

Product Code	CSB-PA984046
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P08779
Immunogen	Synthesized peptide derived from Human Keratin 16.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous levels of total Keratin 16 protein.
Tested Applications	ELISA,WB,IHC;WB:1:500-1:3000,IHC:1:50-1:100
Relevance	The protein encoded by this gene is a member of the keratin gene family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. Most of the type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains and are clustered in a region of chromosome 17q12-q21. This keratin has been coexpressed with keratin 14 in a number of epithelial tissues, including esophagus, tongue, and hair follicles. Mutations in this gene are associated with type 1 pachyonychia congenita, non-epidermolytic palmoplantar keratoderma and unilateral palmoplantar verrucous nevus. Qian Wang, J. Virol., Jan 2004; 78: 821 - 833. RD Paladini, RD Paladini, J. Cell Biol., Feb 1996; 132: 381. M.K. Shamsher, Hum. Mol. Genet., Oct 1995; 4: 1875 - 1881. Ying-Nai Wang, Mol. Pharmacol., Jan 2006; 69: 85 - 98.
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Alias	Keratin type I cytoskeletal 16; Cytokeratin-16; CK-16; K16;
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	KRT16
Image	



Western blot analysis of extracts from HepG2 cells, using Keratin 16 antibody.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Keratin 16 antibody.